

Patent Claims

1. Pluggable module for a liquid-, or gas-, sensor, which sensor includes a sensor module (SM) and a sensor module head (SMK), which are pluggably connectable together and which enable when plugged together an exchange of data and energy via a galvanically decoupled, transfer zone, characterized in that

the pluggable module (ST1) is connectable with the sensor module (SM) and has a display unit, which serves for display of sensor data stored in the sensor module (SM).

2. Pluggable module for a liquid-, or gas-, sensor, which sensor includes a sensor module (SM) and a sensor module head (SMK), which are pluggably connectable together and which enable when plugged together an exchange of data and energy via a galvanically decoupled, transfer zone, characterized in that

the pluggable module (ST1) is connectable with the sensor module (SM) and has a radio unit, which serves for transmission of sensor data stored in the sensor module (SM).

3. Pluggable module for a liquid-, or gas-, sensor, which sensor includes a sensor module (SM) and a sensor module head (SMK), which are pluggably connectable together and which enable when plugged together an exchange of data and energy via a galvanically decoupled, transfer zone, characterized in that

the pluggable module (ST1) is connectable with the sensor module (SM) and has a fieldbus interface (Profibus, Foundation Fieldbus, HART) , via which access to sensor data stored in the sensor module (SM) occurs.

4. Pluggable module for a liquid-, or gas-, sensor, which sensor includes a sensor module (SM) and a sensor module head (SMK), which are pluggably connectable together and which enable when plugged together an exchange of data and energy via a galvanically decoupled transfer zone, characterized in that

the pluggable module (ST2) is connectable with the sensor module head (SMK) and has a simulation unit, which produces an analog signal value, which corresponds to a predetermined measured value and which is converted in a signal processing unit into a digital measured value, which is forwarded to the sensor module head (SMK).

5. Pluggable module as claimed in one of the preceding claims, characterized in that it is embodied in the form of a key-ring pendant.